

PROGRAM PRODUCT FOR AN APPLICATION PROGRAMMING
INTERFACE UNIFYING MULTIPLE MECHANISMS

ABSTRACT OF THE DISCLOSURE

Program product for an application programming
5 interface that unifies a plurality of mechanisms into
a single framework. The interface includes a
mechanism for communicating between members of a
process group of related processes, and a mechanism
for synchronizing the related processes of the
10 process group. Additionally, the application
programming interface may include mechanisms for
managing membership of the process group or a
processor group of processors, and/or a mechanism for
controlling a group state value for the process
15 group.